

IN THE SPECIFICATION:

Please amend page 3, line 22 through page 4, line 2 as follows:

A number of approaches for scheduling in wireless networks have been studied earlier. In [KAL] two new scheduling algorithms are identified for Bluetooth. These policies use information about the size of the HOL (head of the line) packet to schedule TDD slots effectively. The new policies are HOP Priority and HOL K-fairness. Channel state dependent packet scheduling (CSDP) policies to improve TCP throughput over wireless LANs have been proposed in [BIA].

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